

Clinical Trial Protocol

Iranian Registry of Clinical Trials

08 Sep 2026

The impact of E-learning Education on the knowledge and practice of nurses regarding the neonatal stabilization before transport

Protocol summary

Summary

A review of the literature and help the teachers and with the support of Sharif University of Technology established a web site containing educational materials for infants before the transfer was made with short PIERS STRATEGY (Procedures, Infection, Equipment, Resuscitation, Support & Safety, Seizure Treatment, Respiratory management, Assessment, Thermoregulation, Empathy, Glucose administration, Yellowish discoloration). Nurses in Mahdiah, Rasul and Taleghani hospitals after the coordination and authorization and after obtaining consent from staff for voluntary participation in the study were randomly divided into control and test groups. After obtaining permission from the ethics committee and informed consent, both Group were completed demographic and self-reported questionnaire knowledge and performance. educational materials were presented during the ten weeks and with methods such as webinars, PowerPoint, video clips and links to provide training to the test group (Was given to each person a username and password to log in the virtual space). The possibility of interact with the Research team by e-mail and Hall of Conversation was provided during training. There is no intervention for control group. Two weeks after intervention was completed two self-report questionnaire, knowledge and performance again. At the end of the study the control group was given username and password.

General information

Acronym

Piers strategy

IRCT registration information

IRCT registration number: **IRCT2015110724917N1**

Registration date: **2016-01-30, 1394/11/10**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-01-30, 1394/11/10

Registrant information

Name

Maryam Soltandoost Nari

Name of organization / entity

Faculty of Nursing and Midwifery, Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 6692 7171

Email address

m_soltandoostn@yahoo.com

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences, Faculty of Nursing and Midwifery

Expected recruitment start date

2015-04-09, 1394/01/20

Expected recruitment end date

2015-09-01, 1394/06/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The impact of E-learning Education on the knowledge and practice of nurses regarding the neonatal stabilization before transport

Public title

E-learning Education of neonatal stabilization before

transport for nurses

Purpose
Other

Inclusion/Exclusion criteria
Inclusion criteria: bachelor's or master's degree in nursing or midwifery; care of infants for six months at the work; the willingness to participate in the study; having at least data for work with a computer; access to the Internet. Exclusion criteria: nurse's unwillingness to participate in the study; change unit at the time of the study.

Age
From **23 years** old to **50 years** old

Gender
Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **81**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

The Ethics committee of Tehran University of Medical Sciences and Health Services Research Department

Street address

The Sixth floor, Tehran University of Medical Sciences, Qhods st., Keshavarz Boulevard

City

Tehran

Postal code

Approval date

2014-09-13, 1393/06/22

Ethics committee reference number

130/1311/93/ص

Health conditions studied

1

Description of health condition studied

The impact of e-learning neonatal stabilization before transport

ICD-10 code

Z71.9

ICD-10 code description

Medical advice NOS

Primary outcomes

1

Description

Nurses' knowledge in relation to the stabilization of infants before transfer

Timepoint

Before E-Learning and two weeks after the training

Method of measurement

Questionnaire with multiple choice questions based on the content taught (Researcher made)

2

Description

Nurses working in conjunction with the stabilization of infants before transfer

Timepoint

Before E-Learning and two weeks after the training

Method of measurement

Questionnaire with multiple choice questions based on the content taught (Researcher made)

Secondary outcomes

empty

Intervention groups

1

Description

Educational materials were presented during the ten weeks and with methods such as multimedia, PowerPoint, video clips and links to provide training to the test group (Was given to each person a username and password to log in the virtual space). The possibility of interact with the Research team by e-mail, mobile and Hall of Conversation was provided during training.

Category

Other

2

Description

There is no intervention for control group.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Mahdiah hospital
Full name of responsible person
Maryam Soltandoost Nari
Street address
Boroujerdi, Shush Street
City
Tehran

2

Recruitment center
Name of recruitment center
Rasoul Akram hospital
Full name of responsible person
Maryam Soltandoost Nari
Street address
Niayesh Street, Sattarkhan Street
City
Tehran

3

Recruitment center
Name of recruitment center
Taleghani hospital
Full name of responsible person
Maryam Soltandoost Nari
Street address
Shahid Earabi Street, Yaman Street, Shahid Chamran highway
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Tehran University of Medical Sciences
Full name of responsible person
Dr. Ziba Taghizadeh
Street address
School of Nursing and Midwifery, Nosrat West Street, Tehran University of Medical Sciences, Tehran
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tehran University of Medical Sciences
Proportion provided by this source
100
Public or private sector
empty
Domestic or foreign origin
empty
Category of foreign source of funding

empty

Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact
Name of organization / entity
Faculty of Nursing and Midwifery, Tehran University
Full name of responsible person
Maryam Soltandoost Nari
Position
Master of Neonatal Intensive Care Nursing
Other areas of specialty/work
Street address
Faculty of Nursing and Midwifery, Nosrat Eastern Avenue, Towhid Square, Tehran
City
Tehran
Postal code
1419733171
Phone
+98 21 6692 7171
Fax
Email
m_soltandoostn@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Faculty of Medicine Tehran University of Medical Sciences
Full name of responsible person
Dr.Malihe Kadivar
Position
Neonatologist
Other areas of specialty/work
Street address
Tehran Children Medical Center NICU ward, Nosrat Western Avenue, Tehran
City
Tehran
Postal code
Phone
+98 21 61479
Fax
Email
kadivarm@tums.ac.ir
Web page address

Person responsible for updating data

Contact
Name of organization / entity
School of Nursing and Midwifery, Tehran University of Medical Sciences
Full name of responsible person
Maryam Soltandoost Nari

Position

Master of Neonatal Intensive Care Nursing

Other areas of specialty/work**Street address**

School of Nursing and Midwifery, Tehran University of
Medical Sciences, Nosrat West Avenue, Tehran

City

Tehran

Postal code**Phone**

+98 21 6692 7171

Fax**Email**

m_soltandoostn@yahoo.com

Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty